



## 11-1. EF Series

### FEATURES

- **BIG BUOYANCY!**  
The influence of the float and the viscosity is not received.
- **STEADY OPERATION**  
Neither bubbling nor the influence of chattering by the flow is received.
- **ADAPTABILITY IN THE SITE IS GOOD.**  
The installation is an easy installation only of doing as hanging.  
The width of the control can be arbitrarily set.
- **LONG LIFE**  
Lead switch of high accuracy with good quality and performance

### APPLICATIONS

It is the best for the detection of the hope liquid side in the tank and pits of upper and lower water service processing equipment and various industrial wastewater treatments, etc. , and taking out warning or the control signal such as pumps.

### MODEL CODE

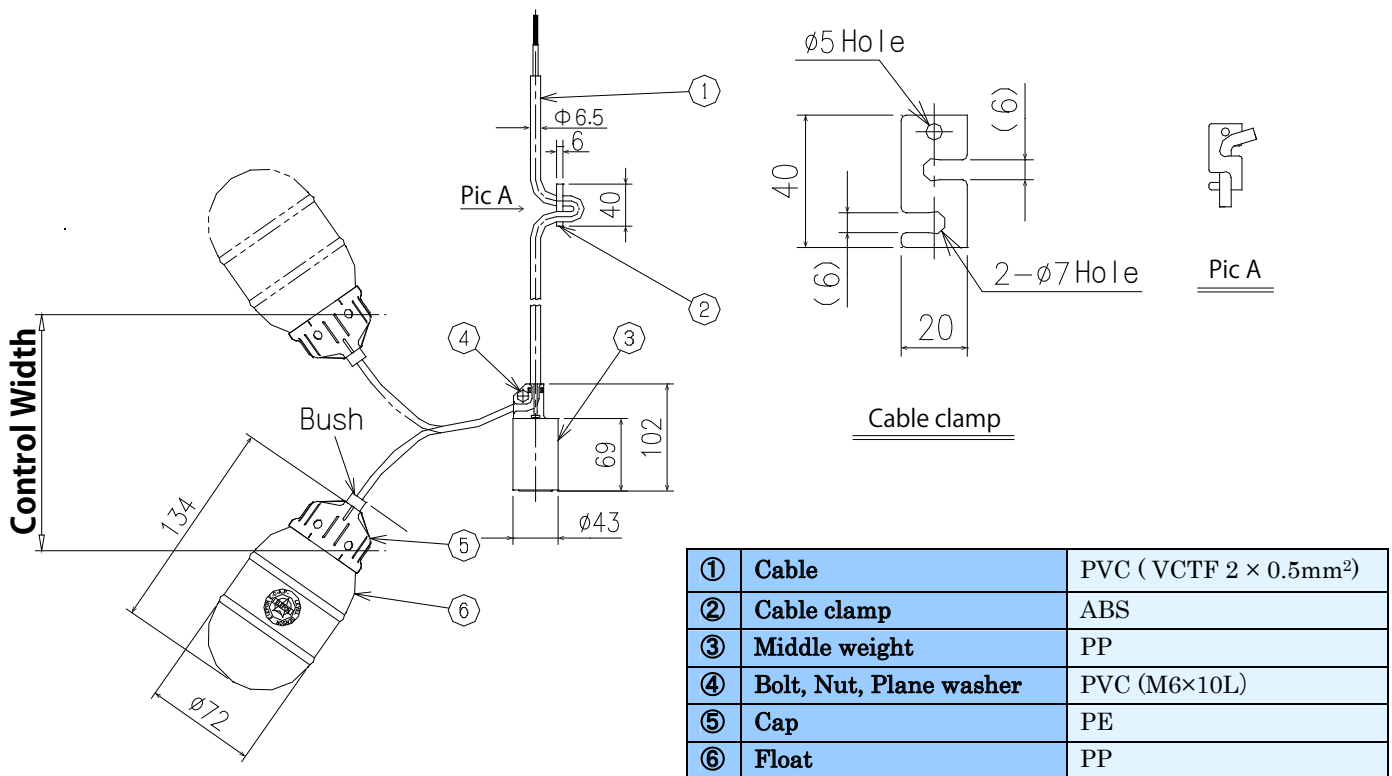
Length of cable	6m	15m
A point of contact ( ↑ ON)	EF-1A-6	EF-1A-15
B point of contact ( ↑ ON)	EF-1B-6	—

## SPECIFICATIONS

Operation characteristic	Operating angle degree	At rise: 5 to 25 At descent: -5 to -25
	Width of control	0.27m to 3.7m
	Specific gravity of liquid	0.7 or more
	Longevity	$3 \times 10^5$ times more
Point of contact ratings	Contact capacity (max.)	50VA, 50W
	Electric power used (max.)	AC 0.5A / DC 0.5A
	Working voltage (max.)	AC 300V / DC 300V
Mechanical characteristic	Maximum Pressure	200kPa / 2bar
	Passage-proof impact of float (max.)	500m/s <sup>2</sup> (Max.)
	Buoyancy of float	About 1.42N (In case of one in the specific gravity of the liquid)
Operating temperature	-10 to +50°C (However, the measurement liquid must not freeze. )	
Weight	6M :About 1.1kg 15M:About 1.6kg	

**\*Note:**

- Please avoid use with the medicine stock solutions such as the hydrochloric acid and caustic soda.



■ **Reference**

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